

Shin-ichiro Noro

List of Publications by Citations

Source: <https://exaly.com/author-pdf/9458935/shin-ichiro-noro-publications-by-citations.pdf>

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

166
papers

18,423
citations

40
h-index

135
g-index

174
ext. papers

19,227
ext. citations

6
avg. IF

6.69
L-index

#	Paper	IF	Citations
166	Functional porous coordination polymers. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 2334-75	16.4	9245
165	Funktionale poröse Koordinationspolymere. <i>Angewandte Chemie</i> , 2004 , 116, 2388-2430	3.6	1282
164	A New, Methane Adsorbent, Porous Coordination Polymer. <i>Angewandte Chemie - International Edition</i> , 2000 , 39, 2081-2084	16.4	888
163	Framework engineering by anions and porous functionalities of Cu(II)/4,4Pbpy coordination polymers. <i>Journal of the American Chemical Society</i> , 2002 , 124, 2568-83	16.4	620
162	Rational Synthesis of Stable Channel-Like Cavities with Methane Gas Adsorption Properties: $[\{Cu_2(pzdc)_2(L)\}_n]$ (pzdc=pyrazine-2,3-dicarboxylate; L=a Pillar Ligand). <i>Angewandte Chemie - International Edition</i> , 1999 , 38, 140-143	16.4	481
161	A pillared-layer coordination polymer network displaying hysteretic sorption: $[Cu_2(pzdc)_2(dpyg)]_n$ (pzdc= pyrazine-2,3-dicarboxylate; dpyg=1,2-Di(4-pyridyl)glycol). <i>Angewandte Chemie - International Edition</i> , 2002 , 41, 133-5	16.4	466
160	Pore surface engineering of microporous coordination polymers. <i>Chemical Communications</i> , 2006 , 701-758	5.8	413
159	Ferroelectricity and polarity control in solid-state flip-flop supramolecular rotators. <i>Nature Materials</i> , 2009 , 8, 342-7	27	396
158	Graphene oxide nanosheet with high proton conductivity. <i>Journal of the American Chemical Society</i> , 2013 , 135, 8097-100	16.4	391
157	Immobilization of a metallo schiff base into a microporous coordination polymer. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 2684-7	16.4	319
156	Microporous Materials Constructed from the Interpenetrated Coordination Networks. Structures and Methane Adsorption Properties. <i>Chemistry of Materials</i> , 2000 , 12, 1288-1299	9.6	259
155	Coordination polymers constructed from transition metal ions and organic N-containing heterocyclic ligands: Crystal structures and microporous properties. <i>Progress in Polymer Science</i> , 2009 , 34, 240-279	29.6	142
154	Framework control by a metalloligand having multicoordination ability: new synthetic approach for crystal structures and magnetic properties. <i>Inorganic Chemistry</i> , 2005 , 44, 133-46	5.1	131
153	Molecularly assembled nanostructures of a redox-active organogelator. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 7283-7	16.4	128
152	New microporous coordination polymer affording guest-coordination sites at channel walls. <i>Chemical Communications</i> , 2002 , 222-3	5.8	117
151	$[\{CuSiF_6(4,4'-bipyridin)_2\}_n]$, ein neues methanadsorbierendes poröses Koordinationspolymer. <i>Angewandte Chemie</i> , 2000 , 112, 2161-2164	3.6	113
150	Density Gradation of Open Metal Sites in the Mesospace of Porous Coordination Polymers. <i>Journal of the American Chemical Society</i> , 2017 , 139, 11576-11583	16.4	90

149	Adsorption and catalytic properties of the inner nanospace of a gigantic ring-shaped polyoxometalate cluster. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 8703-6	16.4	80
148	Porous coordination polymers with ubiquitous and biocompatible metals and a neutral bridging ligand. <i>Nature Communications</i> , 2015 , 6, 5851	17.4	78
147	Directing organic/inorganic hybrid molecular-assemblies of polyoxometalate crown-ether complexes with supramolecular cations. <i>Coordination Chemistry Reviews</i> , 2007 , 251, 2547-2561	23.2	73
146	Solid-state molecular rotators of anilinium and adamantylammonium in [Ni(dmit) ₂] ⁽⁻⁾ salts with diverse magnetic properties. <i>Inorganic Chemistry</i> , 2008 , 47, 5951-62	5.1	70
145	Fluorine-functionalized metal/organic frameworks and porous coordination polymers. <i>NPG Asia Materials</i> , 2017 , 9, e433-e433	10.3	67
144	A Pillared-Layer Coordination Polymer Network Displaying Hysteretic Sorption: [Cu ₂ (pzdc) ₂ (dpyg)] _n (pzdc= Pyrazine-2,3-dicarboxylate; dpyg=1,2-Di(4-pyridyl)glycol). <i>Angewandte Chemie</i> , 2002 , 114, 141-143	3.6	65
143	Selective Gas Adsorption in One-Dimensional, Flexible CuII Coordination Polymers with Polar Units. <i>Chemistry of Materials</i> , 2009 , 21, 3346-3355	9.6	63
142	Highly selective CO ₂ adsorption accompanied with low-energy regeneration in a two-dimensional Cu(II) porous coordination polymer with inorganic fluorinated PF ₆ ⁽⁻⁾ anions. <i>Inorganic Chemistry</i> , 2013 , 52, 280-5	5.1	59
141	Syntheses and crystal structures of iron co-ordination polymers with 4,4'-bipyridine (4,4'-bpy) and 4,4'-azopyridine (azpy). Two-dimensional networks supported by hydrogen bonding, {[Fe(azpy)(NCS) ₂ (MeOH) ₂] _n } and {[Fe(4,4'-bpy)(NCS) ₂ (H ₂ O) ₂] _n }. <i>Journal of the Chemical Society Dalton Transactions</i> , 1999 , 1569-1574		59
140	Design of a magnetic bistability molecular system constructed by H-bonding and pi...pi-stacking interactions. <i>Inorganic Chemistry</i> , 2006 , 45, 2229-34	5.1	57
139	Synthesis and Structures of Coordination Polymers with 4,4'-Dipyridyldisulfide. <i>Journal of Solid State Chemistry</i> , 2000 , 152, 113-119	3.3	53
138	Rationale Synthese stabiler, kanalartiger Käfige mit Methan-adsorbierenden Eigenschaften: {[Cu ₂ (pzdc) ₂ (L)] _n } (pzdc=Pyrazin-2,3-dicarboxylat; L=Süßenligand). <i>Angewandte Chemie</i> , 1999 , 111, 190-193	3.6	51
137	Multirootations of (anilinium)([18]crown-6) supramolecular cation structure in magnetic salt of [Ni(dmit) ₂] ⁽⁻⁾ . <i>Chemistry - an Asian Journal</i> , 2007 , 2, 1083-90	4.5	49
136	Synthesis and crystallographic characterization of low-dimensional and porous coordination compounds capable of supramolecular aromatic interaction using the 4,4'-azobis(pyridine) ligand. <i>Inorganic Chemistry</i> , 2005 , 44, 3960-71	5.1	48
135	Polymorphs and Structural Phase Transition of [Ni(dmit) ₂] Crystals Induced by Flexible (trans-Cyclohexane-1,4-diammonium)(Benzo[18]crown-6) ₂ Supramolecule. <i>Crystal Growth and Design</i> , 2011 , 11, 4175-4182	3.5	47
134	Metal-organic thin-film transistor (MOTFT) based on a bis(o-diiminobenzosemiquinonate) nickel(II) complex. <i>Journal of the American Chemical Society</i> , 2005 , 127, 10012-3	16.4	47
133	Molecular Assembly and Ferroelectric Response of Benzenecarboxamides Bearing Multiple [ONHC] ₁₄ H ₂₉ Chains. <i>Journal of Physical Chemistry C</i> , 2014 , 118, 21204-21214	3.8	46
132	Multifunctional sensing ability of a new Pt/Zn-based luminescent coordination polymer. <i>Dalton Transactions</i> , 2010 , 39, 3400-6	4.3	43

131	Synthesis of metal-hydrazone complexes and vapochromic behavior of their hydrogen-bonded proton-transfer assemblies. <i>Journal of the American Chemical Society</i> , 2010 , 132, 15286-98	16.4	42
130	Structure, magnetism, and ionic conductivity of the gigantic {Mo176}-wheel assembly: Na ₁₅ Fe ₃ Co ₁₆ [Mo ₁₇₆ O ₅₂₈ H ₃ (H ₂ O) ₈₀]Cl ₂₇ x 450 H ₂ O. <i>Journal of the American Chemical Society</i> , 2009 , 131, 13578-9	16.4	42
129	Supramolecular rotor: adamantylammonium([18]crown-6) in [Ni(dmit) ₂]- salt. <i>Inorganic Chemistry</i> , 2007 , 46, 363-5	5.1	42
128	Formation of p-phenylenediamine-crown ether-[PMo12O40] ₄ - salts. <i>Inorganic Chemistry</i> , 2006 , 45, 8628-37	3.7	42
127	A Solid-State Supramolecular Rotator Assembled from a Cs-crown Ether Polyoxometalate Hybrid: (Cs ⁺) ₃ ([18]crown-6) ₃ (H ⁺) ₂ [PMo12O40]. <i>Crystal Growth and Design</i> , 2008 , 8, 812-816	3.5	40
126	Molecule-displacive ferroelectricity in organic supramolecular solids. <i>Scientific Reports</i> , 2013 , 3, 2249	4.9	39
125	Vapour-adsorption and chromic behaviours of luminescent coordination polymers composed of a Pt(II)-diimine metalloligand and alkaline-earth metal ions. <i>Dalton Transactions</i> , 2011 , 40, 8012-8	4.3	38
124	Quasi-one-dimensional molecular magnets based on derivatives of (fluorobenzyl)pyridinium with the [M(mnt) ₂] monoanion (M = Ni, Pd or Pt; mnt ²⁻ = maleonitriledithiolate): syntheses, crystal structures and magnetic properties. <i>Dalton Transactions</i> , 2006 , 1988-94	4.3	38
123	Rational synthesis and characterization of porous Cu(II) coordination polymers. <i>Physical Chemistry Chemical Physics</i> , 2010 , 12, 2519-31	3.6	37
122	Flexible and shape-selective guest binding at Cu(II) axial sites in 1-dimensional Cu(II)-1,2-bis(4-pyridyl)ethane coordination polymers. <i>Inorganic Chemistry</i> , 2006 , 45, 9290-300	5.1	37
121	Supramolecular cations of the m-fluoroanilinium(dibenzo[18]crown-6) in ferromagnetic salt. <i>Dalton Transactions</i> , 2011 , 40, 1491-6	4.3	35
120	Structural phase transition of magnetic [Ni(dmit) ₂]- salts induced by supramolecular cation structures of (M ⁺)([12]crown-4) ₂ . <i>Journal of Physical Chemistry B</i> , 2006 , 110, 5897-904	3.4	34
119	Porous coordination polymer polymorphs with different flexible pores using a structurally flexible and bent 1,3-bis(4-pyridyl)propane ligand. <i>Inorganic Chemistry</i> , 2013 , 52, 4229-37	5.1	33
118	Fullerene nanowires: self-assembled structures of a low-molecular-weight organogelator fabricated by the Langmuir-Blodgett method. <i>Chemistry - A European Journal</i> , 2008 , 14, 8169-76	4.8	33
117	Novel spin transition observed in two quasi-one-dimensional spin system based on [M(mnt) ₂] ⁻ monoanion compounds (M = Ni or Pt; mnt ²⁻ = maleonitriledithiolate). <i>Chemical Physics Letters</i> , 2006 , 418, 423-427	2.5	32
116	Selective carbon dioxide adsorption of Keggin-type zirconomolybdate-based purely inorganic 3D frameworks. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 746-755	13	31
115	Adsorption and Catalytic Properties of the Inner Nanospace of a Gigantic Ring-Shaped Polyoxometalate Cluster. <i>Angewandte Chemie</i> , 2009 , 121, 8859-8862	3.6	31
114	Ambipolar, Single-Component, Metal/Organic Thin-Film Transistors with High and Balanced Hole and Electron Mobilities. <i>Advanced Materials</i> , 2008 , 20, 3399-3403	24	31

113	Flexible coordination polymers composed of luminescent ruthenium(II) metalloligands: importance of the position of the coordination site in metalloligands. <i>Inorganic Chemistry</i> , 2014 , 53, 2910-21	5.1	30
112	Nanoscale assemblies of gigantic molecular {Mo154}-rings: (dimethyldioctadecylammonium) ₂₀ [Mo154O ₄₆₂ H ₈ (H ₂ O) ₇₀]. <i>Langmuir</i> , 2008 , 24, 231-8	4	29
111	Asymmetrical [Ni(dmit) ₂]- arrangements induced by (1R,2R)-cyclohexanediammonium-crown ether supramolecules. <i>Inorganic Chemistry</i> , 2010 , 49, 8591-600	5.1	28
110	Ferromagnetic and antiferromagnetic coupling of [Ni(dmit) ₂] ⁻ anion layers induced by Cs ⁽⁺⁾ (2)(benzo[18]crown-6) ₍₃₎ supramolecule. <i>Inorganic Chemistry</i> , 2009 , 48, 4454-61	5.1	28
109	Binding properties of solvatochromic indicators [Cu(X)(acac)(tmen)] (X = PF ₆ ⁻ and BF ₄ ⁻ , acac = Acetylacetonate, tmen = N,N,N',N'-tetramethylethylenediamine) in solution and the solid state. <i>Inorganic Chemistry</i> , 2008 , 47, 7360-5	5.1	27
108	Formation of Strong OH ₂ ⋯O ₂ C Hydrogen Bonds in a Trinuclear Core-Based Nickel 1,3,5-Benzenetricarboxylate Coordination Polymer. <i>Crystal Growth and Design</i> , 2007 , 7, 1205-1208	3.5	27
107	Rational Construction of Wide Coordination Space and Control of Adsorption Properties in One-Dimensional Cu(II) Coordination Polymer. <i>Crystal Growth and Design</i> , 2011 , 11, 2379-2385	3.5	26
106	Stepwise Vapochromism Observed for a Simple TerpyridinePlatinum(II) Complex with a Thiocyanato Ligand. <i>Chemistry Letters</i> , 2009 , 38, 998-999	1.7	26
105	Conformational polymorph of o-aminoanilinium(dibenzo[18]crown-6) supramolecules in [Ni(dmit) ₂]- salts. <i>Chemistry - an Asian Journal</i> , 2010 , 5, 520-9	4.5	26
104	Functionalities of one-dimensional dynamic ultramicropores in nickel(II) coordination polymers. <i>Inorganic Chemistry</i> , 2006 , 45, 8990-7	5.1	26
103	Syntheses and Structures of Zn Coordination Polymers with 4,4'-Bipyridine and 4,4'-Azopyridine. Effect of Counter Anions on the Network System. <i>Chemistry Letters</i> , 1999 , 28, 285-286	1.7	26
102	Structural flexibilities and gas adsorption properties of one-dimensional copper(II) polymers with paddle-wheel units by modification of benzoate ligands. <i>Inorganic Chemistry</i> , 2015 , 54, 9423-31	5.1	25
101	Enhanced magnetization in highly crystalline and atomically mixed bcc Fe-Co nanoalloys prepared by hydrogen reduction of oxide composites. <i>Nanoscale</i> , 2013 , 5, 1489-93	7.7	25
100	[18]Crown-6 rotator in spin-ladder compound of m-aminoanilinium([18]crown-6)[Ni(dmit) ₂] ⁻ . <i>Dalton Transactions</i> , 2010 , 39, 8219-27	4.3	24
99	Polymorphism and Magnetism of (cis-Cyclohexane-1,4-diammonium)(Dicyclohexano[18]crown-6) ₂ [Ni(dmit) ₂] ₂ Salts. <i>Crystal Growth and Design</i> , 2010 , 10, 4856-4860	3.5	24
98	Fine-tuning optimal porous coordination polymers using functional alkyl groups for CH ₄ purification. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 17874-17880	13	23
97	Diverse structures and adsorption properties of quasi-Werner-type copper(II) complexes with flexible and polar axial bonds. <i>Dalton Transactions</i> , 2011 , 40, 2268-74	4.3	23
96	Structural and magnetic investigations for the doping effect of nonmagnetic impurity on the spin-Peierls-like transition in a quasi-one-dimensional magnet: 1-(4-nitrobenzyl)pyridinium bis(maleonitriledithiolato)nickelate. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 7671-7	3.4	23

95	Novel 2-dimensional coordination polymer constructed from a multi-functional metalloligand. <i>CrystEngComm</i> , 2002 , 4, 162	3.3	23
94	CH ₄ /CO ₂ and CH ₄ /C ₂ H ₆ gas separation using a flexible one-dimensional copper(II) porous coordination polymer. <i>Microporous and Mesoporous Materials</i> , 2015 , 216, 92-96	5.3	22
93	Dynamic induction of enantiomeric excess from a prochiral azobenzene dimer under circularly polarized light. <i>Chemical Science</i> , 2015 , 6, 973-980	9.4	21
92	Influence of Co-adsorbates on CO ₂ induced phase transition in functionalized pillared-layered metal-organic frameworks. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 12963-12972	1.3	21
91	Ln-Co-based rock-salt-type porous coordination polymers: vapor response controlled by changing the lanthanide ion. <i>Inorganic Chemistry</i> , 2011 , 50, 2061-3	5.1	21
90	Selective separation of larger molecules from a Lewis-base mixture by flexible one-dimensional Cu(II) coordination polymer with shape-recognizing space. <i>Chemical Communications</i> , 2010 , 46, 3134-6	5.8	21
89	Design of Crystalline Spaces for Molecular Rotations in Crystals. <i>Crystal Growth and Design</i> , 2014 , 14, 537-543	3.5	20
88	Ferromagnetic coupling of [Ni(dmit) ₂]- anions in (m-fluoroanilinium)(dicyclohexano[18]crown-6)[Ni(dmit) ₂]. <i>Dalton Transactions</i> , 2010 , 39, 2191-3	4.3	20
87	Anion-dependent host-guest properties of porous assemblies of coordination complexes (PACs), [Cu(A)(py)] _n (A = PF ₆ ⁻ , BF ₄ ⁻ , CF ₃ SO ₃ ⁻ and CH ₃ SO ₃ ⁻ ; py = pyridine), based on Werner-type copper(II) complexes in the solid state. <i>Dalton Transactions</i> , 2013 , 42, 11100-10	4.3	19
86	Novel Extended Linear Structure of Decavanadate Anions Linked by Bis(4-Pyridinium) Disulfide (H ₂ dpds), {(H ₂ dpds) ₂ [V ₁₀ O ₂₆ (OH) ₂]} _n · nH ₂ O}. <i>Chemistry Letters</i> , 1999 , 28, 291-292	1.7	19
85	Gold nanoparticle assemblies stabilized by bis(phthalocyaninato)lanthanide(III) complexes through van der Waals interactions. <i>Scientific Reports</i> , 2014 , 4, 3758	4.9	18
84	Structural phase transition due to the flexible supramolecule of (4-cyanomethylanilinium)([18]crown-6) in [Ni(dmit) ₂] crystal. <i>CrystEngComm</i> , 2011 , 13, 6185	3.3	18
83	Exploring the thermochromism of sulfite-embedded polyoxometalate capsules. <i>Physical Chemistry Chemical Physics</i> , 2011 , 13, 7295-7	3.6	17
82	Electron transport in a gold nanoparticle assembly structure stabilized by a physisorbed porphyrin derivative. <i>Physical Review B</i> , 2010 , 82,	3.3	16
81	High CO /CH ₄ Selectivity of a Flexible Copper(II) Porous Coordination Polymer under Humid Conditions. <i>ChemPlusChem</i> , 2015 , 80, 1517-1524	2.8	15
80	Huge dielectric response and molecular motions in paddle-wheel [Cu(II) ₂ (adamantylcarboxylate) ₄ (DMF) ₂](DMF) ₂ . <i>Chemistry - A European Journal</i> , 2011 , 17, 14442-9	4.8	15
79	Langmuir-Blodgett Films Constructed from a Charge-Transfer Complex and Gold Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2007 , 111, 18871-18877	3.8	15
78	Diversities of Coordination Geometry at Cu ²⁺ Center in the Bis(maleonitriledithiolato)cuprate Complexes: Syntheses, Magnetic Properties, X-ray Crystal Structural Analyses, and DFT Calculations. <i>Crystal Growth and Design</i> , 2006 , 6, 2530-2537	3.5	15

77	Supramolecular Cations of (S)-, (R)-, and (RS)-Indan-1-aminium(dibenzo[18]crown-6) in Magnetic [Ni(dmit) ₂] ⁻ Salts. <i>European Journal of Inorganic Chemistry</i> , 2005 , 2005, 3271-3276	2.3	15
76	Systematic syntheses and metalloligand doping of flexible porous coordination polymers composed of a Co(III)-metalloligand. <i>Inorganic Chemistry</i> , 2015 , 54, 2522-35	5.1	14
75	Hydrogen-bonding assemblies constructed from metalloligand building blocks and H ₂ O. <i>Inorganica Chimica Acta</i> , 2005 , 358, 423-428	2.7	14
74	One-dimensional supramolecular columnar structure of trans-syn-trans-dicyclohexano[18]crown-6 and organic ammonium cations. <i>CrystEngComm</i> , 2016 , 18, 7959-7964	3.3	13
73	Crystal structures, CO ₂ adsorption, and dielectric properties of [Cu(II)(R-benzoate)(pyrazine)] _n polymers (R = m-F, 2,3-F ₂ -m-Cl, and m-CH ₃). <i>Dalton Transactions</i> , 2014 , 43, 9081-9	4.3	13
72	Hydrogen-bonded assemblies of two-electron reduced mixed-valence [XMo ₁₂ O ₄₀] (X = P and Si) with p-phenylenediamines. <i>Inorganic Chemistry</i> , 2011 , 50, 6711-8	5.1	13
71	Linker functionalisation triggers an alternative 3D-topology for Zn-isophthalate-4,4′-bipyridine frameworks. <i>Dalton Transactions</i> , 2017 , 46, 8198-8203	4.3	12
70	Self-assembled Structure of Inorganic/Organic Hybrid Crystals Based on Keggin Polyoxometallates [SMo ₁₂ O ₄₀] ⁿ⁻ and Supramolecular Cations. <i>Crystal Growth and Design</i> , 2016 , 16, 800-807	3.5	12
69	Flexible cis-Cyclohexane-1,4-diammonium Ion in Magnetic [Ni(dmit) ₂] Crystals. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 3732-3739	2.3	12
68	Rational synthesis of a porous copper(II) coordination polymer bridged by weak Lewis-base inorganic monoanions using an anion-mixing method. <i>Inorganic Chemistry</i> , 2013 , 52, 5630-2	5.1	12
67	One-Dimensional Array of Au Nanoparticles Fixed on Nanofibers of Organogelators by the Langmuir-Blodgett Method. <i>Journal of Physical Chemistry C</i> , 2007 , 111, 901-907	3.8	12
66	Synthesis and Crystal Structure of New Sulfate-Bridged Coordination Polymer, {(4,4′-bpyH ₂)[Fe ₃ (4,4′-bpy) ₃ (SO ₄) ₄ (H ₂ O) ₆] _n ·10H ₂ O} (4,4′-bpy = 4,4′-Bipyridine). Three-Dimensional Network with Microporous Channels. <i>Chemistry Letters</i> , 1999 , 28, 727-728	1.7	12
65	Crystal-to-crystal structural transformation of hydrogen-bonding molecular crystals of (imidazolium)(3-hydroxy-2-quinolinecarboxylate) through H ₂ O adsorption/desorption. <i>CrystEngComm</i> , 2015 , 17, 5962-5969	3.3	10
64	Incorporation of Multinuclear Copper Active Sites into Nitrogen-Doped Graphene for Electrochemical Oxygen Reduction. <i>ACS Applied Energy Materials</i> , 2018 , 1, 2358-2364	6.1	10
63	Molecular motion in pyridazinium/crown ether supramolecular cation salts of a nickel dithiolene complex. <i>Dalton Transactions</i> , 2013 , 42, 2930-9	4.3	10
62	Metal/Organic Frameworks (MOFs) and Coordination Polymers 2010 , 235-269		10
61	Orthogonality of Jahn-Teller axes in a dinuclear Cu(II) complex bridged by one F ⁻ anion. <i>Chemical Communications</i> , 2010 , 46, 4619-21	5.8	10
60	Electrical resistivity of individual molecular-assembly nanowires of amphiphilic bis-tetrathiafulvalene macrocycle/2,3,5,6-tetrafluoro-7,7,8,8-tetracyano-p-quinodimethane charge transfer complex characterized by point-contact current-imaging atomic force microscopy. <i>Applied Physics Letters</i> , 2006 , 89, 173102	3.4	10

59	The Assembly of an All-Inorganic Porous Soft Framework from Metal Oxide Molecular Nanowires. <i>Chemistry - A European Journal</i> , 2017 , 23, 1972-1980	4.8	9
58	Electron-deficient acene-based liquid crystals: dialkoxydicyanopyrazinoquinoxalines. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 3016-3022	7.1	9
57	Host-Guest Molecular Crystals of Diamino-4,4-bithiazole and Dynamic Molecular Motions via Guest Sorption. <i>Crystal Growth and Design</i> , 2018 , 18, 286-296	3.5	9
56	Hydrogen-Bonded Polyrotaxane Cation Structure in Nickel Dithiolate Anion Radical Salts: Ferromagnetic and Semiconducting Behavior Associated with Structural Phase Transition. <i>Chemistry - A European Journal</i> , 2019 , 25, 6920-6927	4.8	8
55	Liquid Crystalline Phase Induced by Molecular Rotator and Dipole Fluctuation. <i>Crystal Growth and Design</i> , 2015 , 15, 5705-5711	3.5	8
54	The emergent intramolecular hydrogen bonding effect on the electronic structures of organic electron acceptors. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 23905-23909	3.6	8
53	Molecular Motions and Hydrogen-Bonding Networks in (o-Aminoanilinium)(Crown Ethers)[PMo12O40]4Cl Crystals. <i>Bulletin of the Chemical Society of Japan</i> , 2012 , 85, 305-315	5.1	8
52	Dynamic porous frameworks of coordination polymers controlled by anions. <i>Studies in Surface Science and Catalysis</i> , 2002 , 141, 363-370	1.8	8
51	Three-Dimensional Architectures of [MnII CrIII(oxalate)3]Cl Complexes with Cage-Type Networks Surrounding Supramolecular Cations. <i>Crystal Growth and Design</i> , 2015 , 15, 1186-1193	3.5	7
50	Coordinated Water as New Binding Sites for the Separation of Light Hydrocarbons in Metal-Organic Frameworks with Open Metal Sites. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 9448-9456	9.5	7
49	Successive Phase Transition, Dielectric Ordering, and Liquid Crystalline Behavior of Simple (Laurylammonium)(Phenyl Phosphates) Salts. <i>Journal of Physical Chemistry B</i> , 2016 , 120, 6761-70	3.4	7
48	Pressure effect on spin-Peierls-like transition in quasi-1D spin systems [RBzPy][Ni(mnt)2]. <i>Chemical Physics Letters</i> , 2007 , 439, 318-322	2.5	6
47	New coordination network of [Cd2(bpob)3(NO3)4]n (bpob=1,4-bis(4-pyridoxy)benzene) constructed from two structural isomers of the ligand. <i>Solid State Sciences</i> , 1999 , 1, 73-75		6
46	Responsive Four-Coordinate Iron(II) Nodes in FePd(CN). <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 19254-19259	16.4	6
45	Alkyl decorated metal-organic frameworks for selective trapping of ethane from ethylene above ambient pressures. <i>Dalton Transactions</i> , 2021 , 50, 10423-10435	4.3	6
44	Selective MeCN/EtCN sorption and preferential inclusion of substituted benzenes in a cage structure with arylsulfonamide-armed anthraquinones. <i>CrystEngComm</i> , 2018 , 20, 17-24	3.3	6
43	Chemo-chromism in an orthogonal dabco-based Co(ii) network assembled by methanol-coordination and hydrogen bond formation. <i>Dalton Transactions</i> , 2018 , 47, 7656-7662	4.3	6
42	Dielectric and Sorption Responses of Hydrogen-Bonding Network of Amorphous C60(OH)12 and C60(OH)36. <i>Journal of Physical Chemistry C</i> , 2019 , 123, 23545-23553	3.8	5

41	Supramolecular cations of (m-halogenated-anilinium)(dibenzo[18]crown-6) in Keggin [SMo12O40] polyoxometallates. <i>CrystEngComm</i> , 2015 , 17, 856-861	3-3	5
40	Inter-cluster distance dependence of electrical properties in single crystals of a mixed-valence polyoxometalate. <i>Dalton Transactions</i> , 2017 , 46, 12619-12624	4-3	5
39	Thickness-dependent electronic properties and molecular orientation of diradical metal complex thin films grown on SiO ₂ . <i>Chemical Physics Letters</i> , 2010 , 487, 67-70	2-5	5
38	Reversible Structural Changes of Strong Hydrogen Bond-Supported Organic Networks Using Neutral 3,5-Pyridinedicarboxylic Acid N-oxide through Solvent Release/Uptake. <i>Bulletin of the Chemical Society of Japan</i> , 2016 , 89, 1503-1509	5-1	5
37	A Highly Water-Tolerant Magnesium(II) Coordination Polymer Derived from a Flexible Layered Structure. <i>Chemistry - A European Journal</i> , 2016 , 22, 11042-7	4-8	4
36	The crystal design of polar one-dimensional hydrogen-bonded copper coordination complexes. <i>Dalton Transactions</i> , 2016 , 45, 3398-406	4-3	4
35	Crystal Structure and Physical Properties of a Dithiolene Complex Crystal with Adamantane Supramolecular Rotator. <i>Bulletin of the Chemical Society of Japan</i> , 2014 , 87, 417-419	5-1	4
34	Synthesis, Crystal Structure, and Adsorption Properties of Werner-type Cu(II) Complex [Cu(CF ₃ SO ₃) ₂ (4-methylpyridine) ₄]. <i>Chemistry Letters</i> , 2012 , 41, 1314-1316	1-7	4
33	Incorporation of cationic electron donor of Ni-pyridyltetrathiafulvalene with anionic electron acceptor of polyoxometalate. <i>Dalton Transactions</i> , 2012 , 41, 10060-4	4-3	4
32	Paddlewheel Complexes with Azulenes: Electronic Interaction between Metal Centers and Equatorial Ligands. <i>ChemPlusChem</i> , 2019 , 84, 655-664	2-8	3
31	2D H-bonding molecular magnets based on [Ni(mnt) ₂] ⁻ monoanion: Syntheses, crystal structures and magnetic properties. <i>Polyhedron</i> , 2007 , 26, 1787-1792	2-7	3
30	Synthesis and Crystal Structure of [Cu(N-salicylidene-3-aminopyridine) ₂] _n Constructed from Unsymmetric Bridging Ligand with Two Dissimilar Metal-Binding Sites. <i>Molecular Crystals and Liquid Crystals</i> , 2000 , 342, 231-236		3
29	A Temporarily Pore-Openable Porous Coordination Polymer for Guest Adsorption/Desorption. <i>Inorganic Chemistry</i> , 2021 , 60, 4531-4538	5-1	3
28	A Hydrogen-Bonded Organic Framework Based on Pyrazinopyrazine. <i>Crystal Growth and Design</i> , 2021 , 21, 4656-4664	3-5	3
27	Structural Design of Coordination Polymers Based on Manganese and Chromium Ions Bridged by Oxalate Ligands. <i>Bulletin of the Chemical Society of Japan</i> , 2016 , 89, 354-360	5-1	3
26	Mesophases and ionic conductivities of simple organic salts of M(m-iodobenzoate) (M = Li(+), Na(+), K(+), Rb(+), and Cs(+)). <i>Journal of Physical Chemistry B</i> , 2015 , 119, 1768-77	3-4	2
25	Finite Winding (H ₂ O) ₁₂ Chain Stabilized by One-Dimensional Coordination Polymer. <i>Bulletin of the Chemical Society of Japan</i> , 2014 , 87, 623-625	5-1	2
24	(3-Fluoro-4-methoxyanilinium)+([18]Crown-6) Supramolecular Cation Salt of Ferromagnetic [MnII CrIII(oxalate) ₃]. <i>Chemistry Letters</i> , 2013 , 42, 137-139	1-7	2

23	Langmuir-Blodgett Films of Charge-Transfer Complexes: Ethylenedithio-Substituted Amphiphilic Bis-TTF Macrocycle and F4TCNQ or Br2TCNQ. <i>Bulletin of the Chemical Society of Japan</i> , 2009 , 82, 968-974	5.1	2
22	Structural Phase Transitions of a Molecular Metal Oxide. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 22446-22450	16.4	2
21	A Zn(ii) metal-organic framework with dinuclear [Zn(N-oxide)] secondary building units. <i>Dalton Transactions</i> , 2019 , 48, 6314-6318	4.3	2
20	A hydrogen-bonded organic framework based on redox-active tri(dithiolylidene)cyclohexanetrione. <i>Chemical Communications</i> , 2021 , 57, 1157-1160	5.8	2
19	Influence of carbohydrate polymer shaping on organic dye adsorption by a metal-organic framework in water.. <i>RSC Advances</i> , 2021 , 11, 23707-23713	3.7	2
18	Controlling the gate-sorption properties of solid solutions of Werner complexes by varying component ratios. <i>Dalton Transactions</i> , 2020 , 49, 9438-9443	4.3	1
17	Structural Diversification of Light-Metal Coordination Polymers Using 4-(Methylsulfonyl)benzoate with a Charge-Polarized Neutral Methylsulfonyl Coordination Moiety. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 4013-4019	2.3	1
16	Synthesis and Crystal Structure of a One-dimensional Cu(II) Coordination Polymer Bridged by Inorganic CH3SO3 ⁻ Anions Using Werner-type Cu(II) Complexes as Building Blocks. <i>Chemistry Letters</i> , 2012 , 41, 772-773	1.7	1
15	Understanding the interactions between the bis(trifluoromethylsulfonyl)imide anion and adsorbed CO2 using X-ray diffraction analysis of a soft crystal surrogate. <i>Communications Chemistry</i> , 2020 , 3,	6.3	1
14	Substituent Effect on Molecular Motions of m-Halogenated Anilinium/Dibenzo[18]crown-6 Supramolecular Cations in [Ni(dmit)2] Crystals. <i>Crystal Growth and Design</i> , 2021 , 21, 2340-2347	3.5	1
13	Stable Ferromagnetic Crystal of Two-Dimensional Manganese-Chromium Oxalate with Supramolecular Cation. <i>European Journal of Inorganic Chemistry</i> , 2020 , 2020, 1670-1675	2.3	1
12	Dipole fluctuation and structural phase transition in hydrogen-bonding molecular assemblies of mononuclear Cu complexes with polar fluorobenzoate ligands. <i>Dalton Transactions</i> , 2021 , 50, 13680-13683	4.3	1
11	A Pillared-Layer Coordination Polymer Network Displaying Hysteretic Sorption: [Cu2(pzdc)2(dpyg)]n (pzdc= Pyrazine-2,3-dicarboxylate; dpyg=1,2-Di(4-pyridyl)glycol) 2002 , 41, 133		1
10	A Synchronous Change in Fluid Space and Encapsulated Anions in a Crystalline Polymethylene Unit Containing Metal-Organic Framework. <i>Crystal Growth and Design</i> , 2020 , 20, 3596-3600	3.5	0
9	[Ni(dmit)2] Salt with flexible supramolecular cation rotator. <i>Inorganic Chemistry Communication</i> , 2012 , 20, 219-224	3.1	0
8	Dielectric and gas adsorption/desorption properties of x-Li(PC) having one-dimensional channels surrounded by Pc columns. <i>CrystEngComm</i> , 2020 , 22, 7528-7531	3.3	0
7	Reversible hydrogen adsorption at room temperature using a molybdenum-dihydrogen complex in the solid state. <i>Dalton Transactions</i> , 2021 , 50, 12630-12634	4.3	0
6	Gas sorption of nano-porous supramolecules formed by multi-hydrogen bonded coordination capsules. <i>Chemical Communications</i> , 2021 , 57, 2249-2252	5.8	0

- 5 Crystal structure of a supramolecular cation salt (adamantylammonium⁺)₂(benzo[18]crown-6)₂[Pd(dmit)₂]₂(acetone)₂. *Inorganica Chimica Acta*, **2013**, 404, 206-209 2.7
- 4 Solvent Triggered Transition of Electrical Conductivity of Polyoxometalate- based Hybrid with Ni-pyridyl-tetrathiafulvalene. *Current Inorganic Chemistry*, **2018**, 7, 8-12
- 3 Host Materials Based on Metal Complexes with New Combination of Building Blocks. *Bulletin of Japan Society of Coordination Chemistry*, **2013**, 61, 38-45 0.3
- 2 Structural Phase Transitions of a Molecular Metal Oxide. *Angewandte Chemie*, **2020**, 132, 22632-22636 3.6
- 1 Responsive Four-Coordinate Iron(II) Nodes in FePd(CN)₄. *Angewandte Chemie*, **2020**, 132, 19416-19421 3.6